

Build an Astor End Table

Build an Industrial Style Table with the Astor End Table Plans

Like the rustic industrial look? The Astor End Table Plans are for you! Super simple in construction (and very inexpensive, too!), this table will add that just right look to your decor! With a dark stain and a clear coat, this table will be stunning!

BUILD AN ASTOR END TABLE



Materials:

- 2-1/2" pocket hole screws
- [2-1/2" screws](#)
- 1-1/4" brad nails

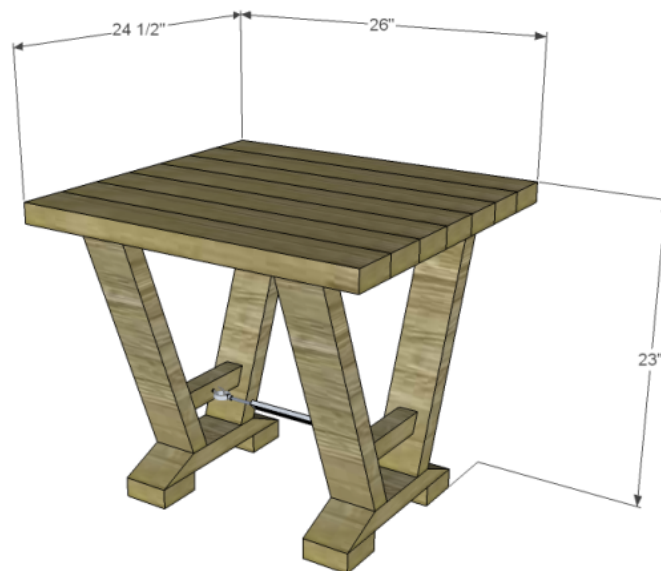
- 2 screw hooks, about 2" long
- 1 turnbuckle (eye to eye, to fit hook to hook)
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

Lumber:

- Scraps of 2x2 at 7-1/2" each
- 4 – 2x4 at 8'

Cut List:

- 2 – 2x4 at 14-1/2" – Base
- 4 – 2x4 at 3-1/2" – Base Feet
- 4 – 2x4 at 20-3/8" – Legs
- 2 – 2x4 at 18-5/16" – Upper Stretcher
- 2 – 2x2 at 7-1/2" – Lower Stretcher
- 7 – 2x4 at 26" – Top

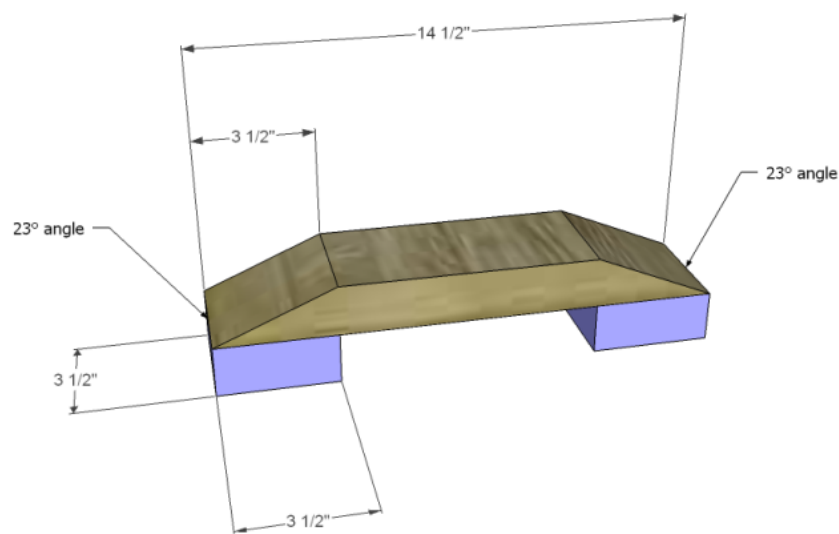


Notes:

The measurement in inches as well as degrees has been included for the angles.

Step One

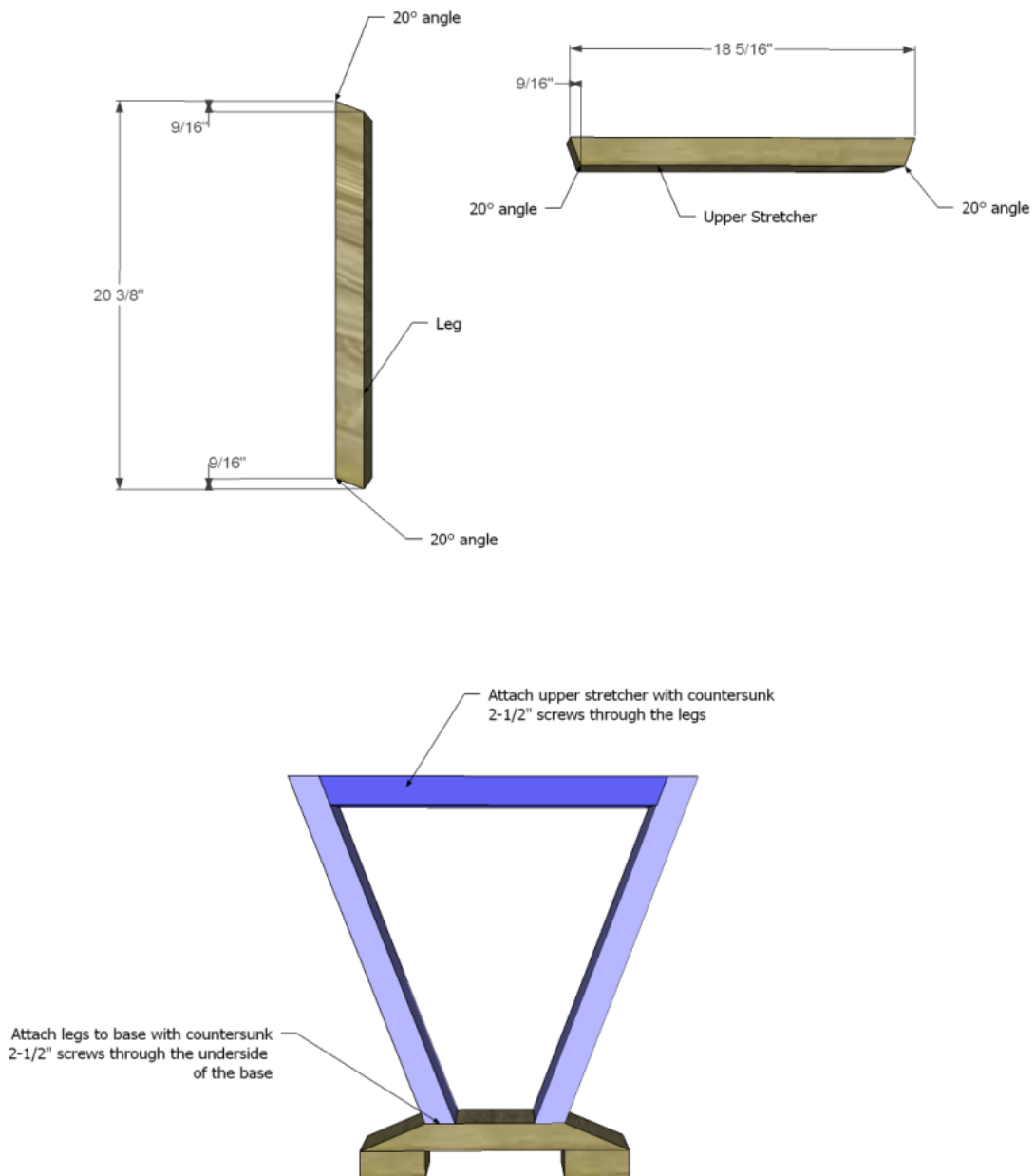
Cut the pieces for the base and the feet. Cut the angles in each base piece at 23° . Secure the feet to the bottom of the base using glue and 1-1/4" brad nails through the angles into the feet.



Step Two

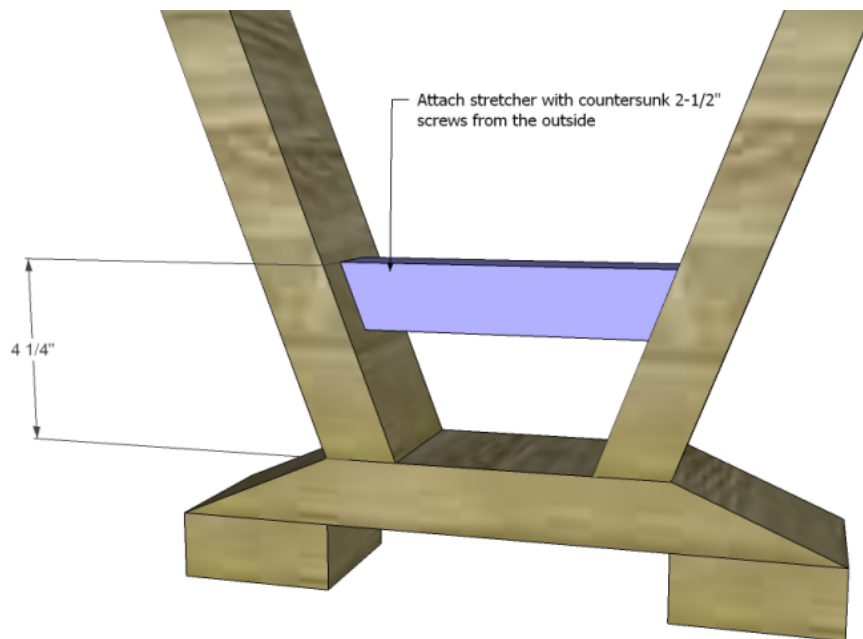
Cut the pieces for the legs and the upper stretchers. Cut the angles in each piece as shown at 20° . Secure the legs to the upper stretchers using glue and countersunk 2-1/2" screws.

Attach the leg/stretcher assembly to each base using glue and countersunk 2-1/2" screws.



Step Three

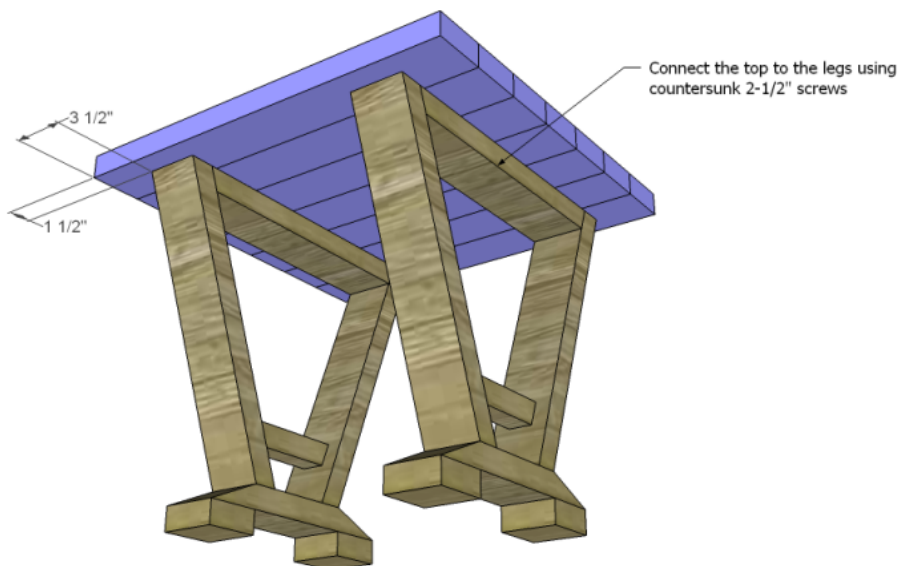
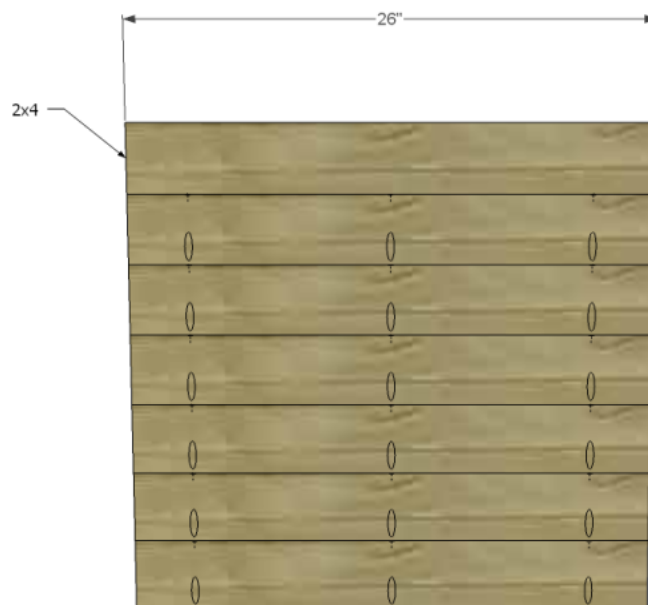
Cut the pieces for the lower stretchers. Cut the angles at 20°, the position in the center of the legs at the dimension shown. Secure to the legs using glue and countersunk 2-1/2" screws from the outside of the legs.



Step Four

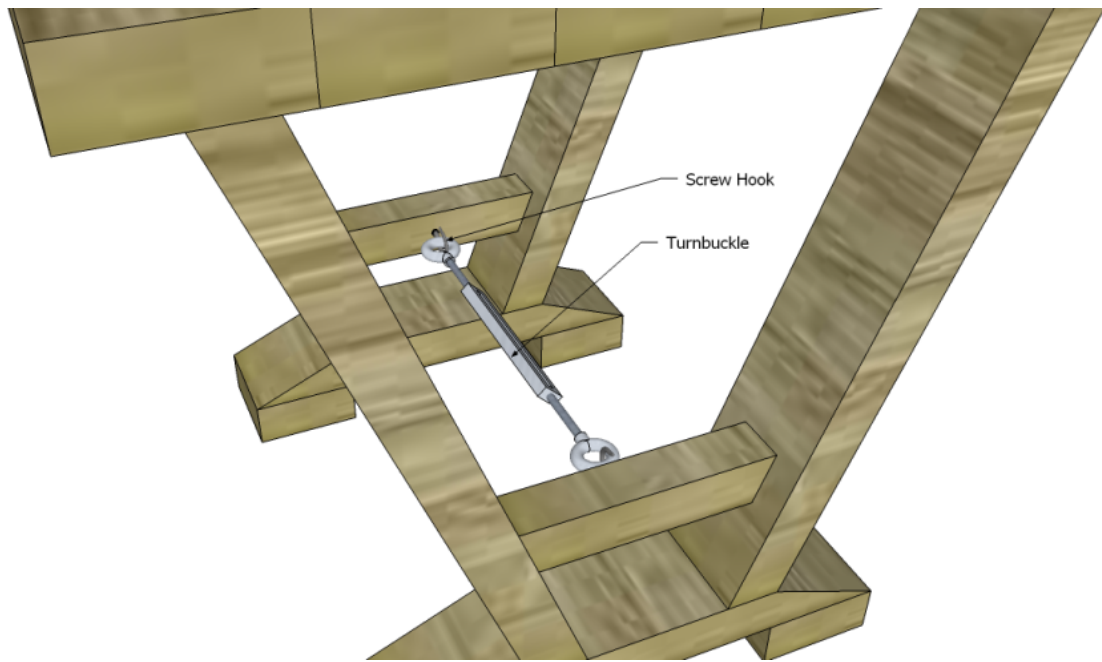
Cut the pieces for the top. With the [pocket hole jig](#) set for 1-1/2" material, drill pocket holes in the pieces as shown. Assemble the top using glue and 2-1/2" pocket hole screws.

Spread glue on the top of the legs and upper stretchers. Position the top so that the sides over hang by 3-1/2", and the front and back over hang by 1-1/2". Secure in place using countersunk 2-1/2" screws through the bottom of the upper stretchers in to the bottom of the table top.



Step Five

To install the screw hooks and turnbuckle, pre-drill a hole in the center of each lower stretcher facing to the inside. Install the screw hooks. Loosen the eye bolts on the turnbuckle, then hook each eye bolt over the hook. Adjust the turnbuckle as necessary. The turnbuckle is mainly for looks and doesn't need to be tightened. It just adds to the industrial look!



Finish as desired.

The Astor End Table plans are suitable for all skill levels. Interested in sharing photos of your finished build using my plans? Contact me at [cher {at} designsbystudio {dot} com](mailto:cher@designsbystudio.com)!

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